

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventors: A. GOLITSCHKE EDLER VON ELBWART, et al.  
Application No.: New PCT National Stage Application  
Filed: May 24, 2006  
For: BELIEF PROPAGATION DECODER CANCELLING THE  
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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents  
Washington, DC 20231

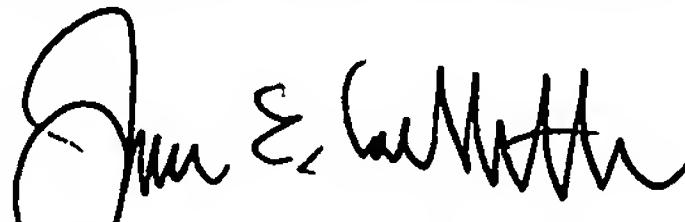
Dear Sir:

Pursuant to Rules 56 and 99, Applicants hereby call the attention of the Patent Office to the art listed on the attached Form PTO 1449. Copies of the art cited in the International Search Report (ISR), which issued by the JPO, are made available to the U.S. examiner in the national stage application, pursuant to MPEP 1893.03(g), and therefore copies of such art are not submitted herewith. The art cited in the ISR is listed on the attached PTO-1449 for an indication of consideration by the examiner. Copies of any other references listed on the PTO-1449, besides those cited in the ISR, are submitted herewith.

Applicants present this art so that the Patent Office may, in the first instance, determine any relevancy thereof to the presently claimed invention, see Beckman Instruments, Inc. v.

Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir. 1970). Also see Patent Office Rules 104 and 106. Applicants respectfully request that this art be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,



James E. Ledbetter  
Registration No. 28,732

Date: May 24, 2006

JEL/ejw

ATTORNEY DOCKET NO. L7725.06110

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FORM PTO-1449 • U.S. Department of Commerce  
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

L7725.06110

SERIAL NO.

New PCT Nat'l Stage  
Application

0/580396

APPLICANT

VON ELBWART, et al.

Alexander GOLITSCHKE EDLER

FILING DATE

May 24, 2006

GROUP

Unassigned

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO
2 3 1 0 1 8 6	12/2001	CA			
0 3 0 3 2 4 9 9	04/2003	WO			
0 2 3 7 7 3 1	05/2002	WO			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

PCT International Search Report dated March 11, 2005.

A. Nough, et al., "Bootstrap Decoding of Low-Density Parity-Check Codes," IEEE Communications Letters, IEEE Services Center, vol. 6, no. 9, XP001128483, pages 391-393, Sept. 2002.

Y. Mao, et al., "Decoding Low-Density Parity-Check Codes with Probabilistic Scheduling," IEEE Communications Letters, IEEE Service Center, vol. 5, no. 10, XP001110789, pages 414-416, Oct. 2001.

L. Yin, et al., "Modified Belief-Propagation Algorithm for Decoding of Irregular Low-Density Parity-Check Codes," Electronics Letters, IEE Stevenage, vol. 38, no. 24, XP006019345, pages 1551-1553, Nov. 21, 2002.

F. R. Kschischang, et al., "Factor Graphs and the Sum-Product Algorithm," IEEE Transactions on Information Theory, IEEE Inc., vol. 47, no. 2, XP001009659, pages 498-519, Feb. 2001.

**EXAMINER:** Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.